CLAIMS

1. Disc brake pad comprising at least one brake lining and a carrier-plate, the said lining having at least one plane surface designed to come into friction contact on one face of the disk, the said brake pad being provided with a heat dissipating structure which directs the heat flux to be dissipated in at least one direction substantially parallel to the plane of the said friction surface, wherein the said heat dissipating structure is formed at the interface between the said lining and the said carrier-plate.

2. Disc brake pad according to claim 1 wherein said heat dissipating structure is formed in the said lining and / or in the said carrier-plate, at the interface between said the lining and the said carrier-plate.

3. Disc brake pad according to claim 1 or 2 wherein the lining and / or the carrier-plate comprise grooves that form holes for which axes are along directions substantially parallel to the plane of the friction surface, after the said lining has been installed on the said carrier-plate, these holes being through holes, such that air can pass freely through them.

4. Disc brake pad according to claim 3 wherein the axes of the said holes are parallel to a given direction which corresponds to the direction of moving air close to said pad.

5. Disc brake pad according to any one of claims 1 to 4, wherein the said heat dissipating structure

comprises projections around the periphery of the carrier plate, the said projections being preferably provided with cooling fins.

6. Disc brake pad according to any one of claims 1 to 5, wherein said heat dissipating structure comprises bars made of a material conducting heat better than the material from which the parts that contain these bars are made, in the said lining and / or said the carrier-plate, at the interface between the lining and the carrier-plate.

7. Disc brake pad according to claim 6 wherein the said bars are located in the housings formed by the said holes formed at the interface of the said lining and the said carrier-plate.

8. Disc brake pad according to claim 6 or 7 wherein the said bars are hollow and form through holes such that air passes freely through them.

9. Disc brake pad according to any one of claims 6 to 8, wherein the length of the said bars is greater than the length of the housings formed in the pad to contain them.

10. Disc brake pad according to claim 9 wherein the said bars are provided with projections which provide an increased exchange surface, typically cooling fins.

11. Disc brake pad according to any one of claims 1 to 10 comprising also a piece of sheet metal acting as a heat shield protecting the brake cylinder, the braking fluid and the piston, said piece of sheet metal being typically inserted between the carrier-plate and the piston, between the lining and the carrier-plate or

between the carrier-plate and a piece of sheet metal fixed to the carrier-plate and designed to come into contact with the piston.